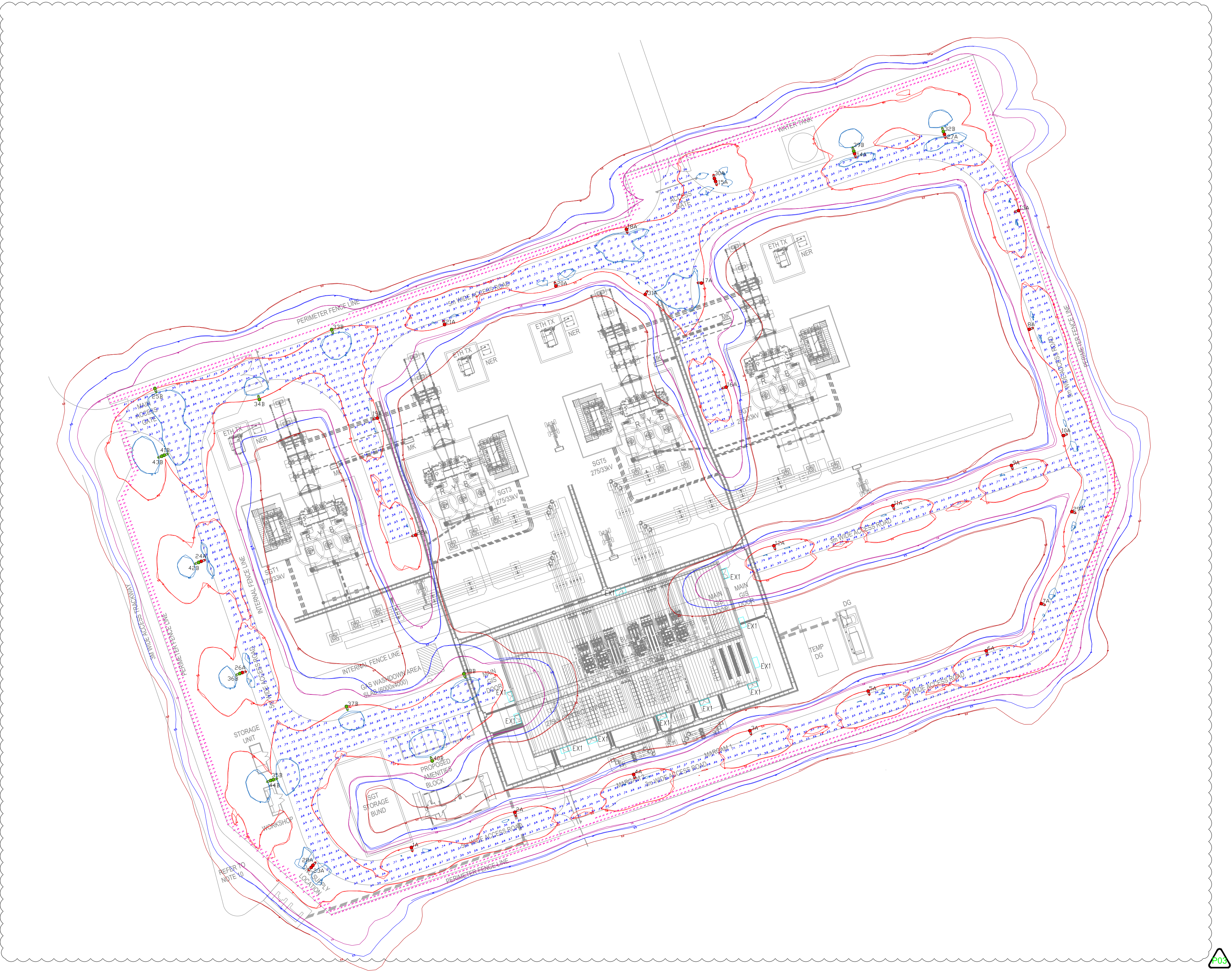


SYMBOL	LABEL	QUANTITY	MANUFACTURER	CATALOGUE No.	DESCRIPTION	LUMENS PER LAMP
	A	27	URBIS SCHREDER	AMPERE EVO1 5307 FLAT GLASS	HIGH PERFORMANCE, HIGH EFFICACY DARK SKY APPROVED LIGHTING LUMINAIRE. 0% ULOR 2700K IP65, IK07	2040
	B	14	URBIS SCHREDER	AMPERE EVO1 5393 FLAT GLASS	HIGH PERFORMANCE, HIGH EFFICACY DARK SKY APPROVED LIGHTING LUMINAIRE. 0% ULOR 2700K IP65, IK07	2600
	EX1		DW WINDSOR	KIRIUM BULKHEAD-8LED-2.7K-50 0mA-14W-CLEAR-WIDE	LED WALL LUMINAIRE DARK SKY APPROVED 0% ULOR, 2700K	1305

LIGHTING ASSESSMENT					
DESCRIPTION	E _{ov} (Lux)	E _{min} (Lux)	E _{max} (Lux)	E _{min} /E _{max} (Lux)	E _{min} /E _{ov} (Lux)
ROADS – 6 LUX	6.81	2.69	18.71	0.14	0.40
SITE PERIMETER – 1 LUX MIN	3.93	1.16	11.83	0.10	0.29



Health & Safety

CDM regulations 2015

Significant risks associated with this drawing are identified below and, where applicable, at specific locations on the drawing. Refer to the CDM Regulation 9 Risk Register for full details.

1. FOR PLANNING ONLY. DO NOT CONSTRUCT FROM THIS DRAWING.

NOTES

1. EXTERNAL LIGHTING DESIGN SHALL COMPLY WITH THE FOLLOWING NATIONAL GRID SPECIFICATIONS:

- TS 2.10.10: GIS AND OTHER SUBSTATION BUILDINGS DESIGN
- TS 3.10.13 MINOR ELECTRICAL WORKS
- TS 3.10.15 MECHANICAL AND ELECTRICAL EQUIPMENT
- TS 2.10.04 SITE LIGHTING

2. THE SITE WILL REMAIN UNLIT OUTSIDE OF OPERATIONAL HOURS. EXTERNAL LIGHTING WILL ONLY BE ACTIVATED WHEN OPERATIONAL OR MAINTENANCE PERSONNEL ARE PRESENT, OR IN RESPONSE TO A SECURITY ALERT.

3. CAR PARK AND ROAD LIGHTING WILL BE PROVIDED IN COMPLIANCE WITH THE GUIDE AND RECOMMENDATIONS AS PUBLISHED TO THE CHARTERED INSTITUTE OF BUILDING SERVICE ENGINEERS GUIDE FOR LIGHTING IN THE OUTDOOR ENVIRONMENT, BS5489, BSEN12464 AND BSEN13201.

4. ALL EXTERNAL FLOODLIGHT DESIGNS MUST BE CARRIED OUT IN ACCORDANCE WITH THE INSTITUTE OF LIGHTING PROFESSIONALS (ILP) GUIDANCE NOTE 01/21 THE REDUCTION OF OBTRUSIVE LIGHT. ACCOUNT MUST BE TAKEN OF THE ENVIRONMENTAL LOCATION, ADJACENT OR NEARBY PROPERTIES, ULOR AND POSITIONING/AIMING OF LUMINAIRES.

5. COLUMNS WILL BE 6M MEDIUM DUTY TILT DOWN TUBULAR STEEL CONSTRUCTION AND WILL BE SUPPLIED AND INSTALLED IN ACCORDANCE WITH BS5649 PARTS 1 & 2.

6. EXACT SETTING OUT OF ALL BUILDING MOUNTED FITTINGS TO BE AGREED WITH THE ARCHITECT BEFORE FIRST FIX TAKES PLACE.

7. EXACT SETTING OUT OF ALL LIGHTING COLUMNS TO BE AGREE WITH THE ARCHITECT BEFORE INSTALLATION COMMENCES.

LUX LEVELS LEGEND

10 LUX

5 LUX

1 LUX

0.5 LUX

0.2 LUX

P03	UPDATED XREF: S3 - FOR REVIEW &	RS	AF	VK	09/06/2025
P02	ACCESS ROAD OMITTED	RS	SH	AF	09/05/2025
P01	ISSUED FOR PLANNING	RS	SH	AF	29/04/2025
Rev	Description	Chk'd	Chk'd	App'd	Date

nationalgrid

National Grid Electricity Transmission plc, Warwick Technology Park, Gellows Hill, Warwick, CV34 6DA

Master Scheme No:	Sub-Scheme No:	Site:
101667	N/A	PORT TALBOT

Scheme Name: MARGAM CONNECTION

Document Title: SITE PLAN
PROPOSED EXTERNAL LIGHTING LAYOUT

Created by:	Date:	Checked by:	Date:	Approved by:	Date:
RS	29/04/2025	SH	29/04/2025	AF	29/04/2025

Development Eng:	Document Type:	Scale:	Format:	Sheet(s)	Rev:
-	DWG	1:500	A1	01 of 01	P03

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